BODY ARMOR/BALLISTIC PROTECTION EQUIPMENT

Police and Security News

NOVEMBER/DECEMBER 2018 VOLUME 34 ISSUE 6

Serving Law Enforcement & Homeland Security



New Police Vehicles & Equipment

FOR 2019







SURVEILLANCE TACTICS
TO FIND AND STOP OPIOID DEALERS

RANGE VERSUS REALITY

USE-OF-FORCE POLICY AND TRAINING ISSUES

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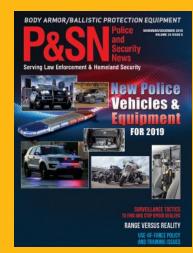


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ON THE COVER

Find all of the newest information covering police vehicles and aftermarket equipment for the coming year in this annually featured report. Vehicles and equipment pictured on the cover (starting from the top left): Setina Mfg.; Dodge Durango Pursuit SUV; TruckVault; Jotto Desk; Harley-Davidson®; Putco; and Whelen.

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...AND

NOTHING BUT A DISAPPEARING ACT THE TRUTH LIKE NO OTHER

Ramesh Nyberg

ot long ago, my wife and I saw a play by a small acting group here in south Florida, called "The Camp." It was about an American regiment pressing towards Berlin at the end of WWII. During a stop in a small German village, they come across a strange area and start to investigate. To their horror, they find a concentration camp, abandoned by the Nazis, but still occupied by dead and starving prisoners. The American captain soon learns that the villagers knew full well what was going on, but turned a blind eye. In the last act, the outraged American captain grabs the village's mayor and screams at him in rage.

"But," the mayor protests, "we did nothing! We did nothing!"

Indeed, Mr. Mayor.

Today, in enlightened America, we have a problem. Factions of people are being allowed to go out and commit acts of terror on unsuspecting – and innocent - citizens by using fear and harassment. We've seen political figures accosted in restaurants and forced out by mobs chanting obscenities and threats. We've seen Antifa members take over the streets of Portland, Oregon, and redirect traffic while interrogating and shouting at motorists who were simply trying to get from point A to point B. One older man had the bad fortune to have a North



Carolina license plate. They shouted at him, called him a KKK sympathizer, and started attacking his car because he was from the South. Innocent citizens, trying to go about their daily lives, are being caught in orchestrated webs of fear and torment and it is fueling the already raging inferno of polarization this country is experiencing.

This is not a political column; it never has been. So, this is not about someone's "side" or who I support, or not support, in the White House. I do not espouse harassment and fear tactics on America's streets by anyone or for any reason. It is simply wrong. People can justify it all they want (and they have tried to do so in arguments with me) - I don't care what your agenda is, the tactics are WRONG. Someone tried to convince me that these tactics are acceptable because "this country was founded on violent protest." If you believe that, then you need to read a history book. Yes, we fought a war to wrest this country from the clutches of a tyrannical foreign power. I would say the circumstances are very, very different. There is no monarch sitting on his throne across the ocean enriching himself and his crown with our suffering. In fact, we are not suffering. We have our problems - and we always will - and, yes, we have quite a ways to go to fully embrace the edicts of our 14th Amendment's equal protection clause, but stop it with all the oppression and conspiracy talk. It's not happening - I'm done with that.

What people - starting with those in law enforcement - should be gravely concerned about is this question: Where is the intervention? Where are the citizens, for example, who believe in "the right thing" and who believe in letting people enjoy a dignified meal without being marched out of a restaurant by a drool-

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Circle 6003 for More Information

ing, angry mob who just decided that they run the restaurant? They are absent...invisible. In watching those videos, I keep waiting for the manager to come out and say, "No, no, you're not doing that in this restaurant, now leave." Where were they? They stood by and let it happen. In fact, some of the restaurant employees and patrons just quietly took out their phones and recorded the whole thing because, after all, isn't that what's important now, getting as many "likes" and "follows" as we can on our Instagram and Facebook accounts?

Just how out of order have we become?

And, then, there is Portland. This one is simply unforgiveable. Where were the police? Oh, that's right, they had come under fire during a protest incident in August. The ACLU went off on them about how badly they mishandled the use of force. Then, there was the shooting of Patrick Kimmons by Portland Police. So, the mayor pretty much decided that the

best way to avoid criticism was not to show up. Hey, what a great idea, mayor. This is actually brilliant and we should all adopt it. My NFL team is struggling of late, but I have a remedy. I'm going to call up Head Coach Adam Gase and say, "Hey, coach, don't show up for the next game! I guarantee you that your team won't lose and be subjected to criticism!"

The fact that the mayor of Portland has been replaced by the ACLU (who are obviously running the show) should be somewhat frightening to us. How many more cities will follow this as a precedent? I mean, who cares if an elderly man trying to drive in peace now has \$3000 damage to his car because of protestors. He's just one guy. He's collateral damage. This country was founded on violent protest, dammit! Until it's *their* uncle or grandpa. Then, they'll be shouting from the mountaintops about how the police aren't doing their jobs to protect the public.

Is this the wave of the future in police work? When special interest groups and

political factions run amuck in the streets and terrorize innocent people, should we do a David Copperfield and vanish? God forbid we have to write up a few use-offorce incidents and get bad press!

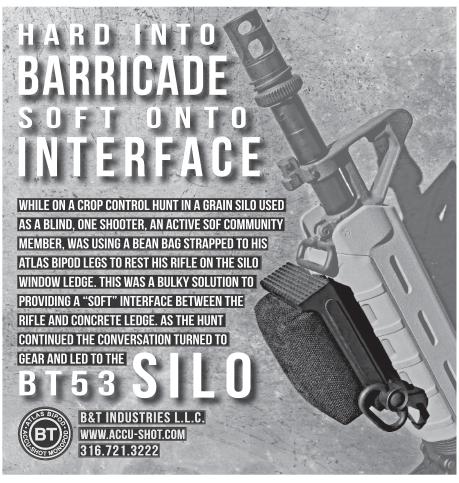
Allowing this to happen is watering the seeds of fascism, the very specter many of these groups claim they are trying to stamp out. If my family is stopped at intersections and interrogated by mobs of angry protestors, and they are evaluated and condemned because of the way they look, or the type of license plate on their car, we are in a world of s#*t, my friends.

Many years from now, when it's too late, when our children and grandchildren point an accusing finger at us, we had better not say, "We did *nothing!*" P&SN

Ramesh Nyberg retired from law enforcement in November 2006 after 27 years in police work. He now owns his own private investigation agency, Nyberg Security and Investigations, and can be reached at Ramesh@NybergPi.com. He enjoys getting feedback from readers.







Circle 6005 for More Information

FOCUS ON TECHNOLOGY



New External Load-Bearing Vest

The OCX Carrier, from Armor Express, enables an officer to convert his standard concealable armor into an external load-bearing vest. It features a 500 denier outer shell and offers front hard armor plate pockets. The shoulders are fully adjustable and an internal cummerbund secures the carrier in place. The OCX Carrier is sized to specifically fit their custom BRAVO armor panels. Additional features include a reinforced drag handle on the rear of the vest; a MOLLE webbing platform; top loading plate pockets which accept 5"x8", 8"x10" and 10"x12" rifle plates: placard attachment points (4"x11" front, 5.75"x11" rear); and mic tabs. Color options for the OCX include black, coyote, LAPD navy, ranger, and tactical grey.

Circle 6006 for More Information



Lightweight Armor Plates

Hardwire offers **lightweight** and **cost-effective body armor plates** designed to fit into most plate carriers. These hard armor plates do not degrade, surviving in the harshest conditions. All plates are made in the USA using Ultra High Molecular Weight Polyethylene (UHMWPE) and are available in single and multicurve configurations.

Circle 6007 for More Information

Body Armor and Ballistic Protection Equipment

New Female Concealable Carrier

The design of the American Revolution Female Concealable Carrier, from Armor Express, focuses on the silhouette and accommodates their darted body armor panels for fit and comfort. The vest offers low-profile shoulder padding for added comfort and weight disbursement. The carrier is also water-repellent and antistatic treated. The inner lining is a moisture-wicking, antimicrobial material which provides evaporative cooling. The relief lines on the loop surfaces, combined with Armor Express' patented Easy Grip Side Straps™, make adjusting or donning/doffing the vest extremely easy. The Carrier is paired with Armor Express' recently certified Vortex Gen2 Female soft armor (Level IIIA). A 5"x8" and 7"x10" front plate pocket also accommodates inserts for added protection.



Circle 6008 for More Information

N1 Hard Armor Plate



The new **N1 Hard Armor Plate**, from Diamond Age, is an ultralight, multicurve Level IV armor plate which weighs in at just 4.7 pounds with full edge to edge coverage (10" x 12" multicurve SAPI.) It can stand up to multiple shots from the .30-06 AP M2 and similar and lesser rounds. The **N1 Plate**'s ceramic core is comprised of an advanced and optimized boron ceramic which has been doped with additional elements to make it the strongest and lightest armor ceramic material currently available. The **N1** features a ceramic-composite core covered in a layer of protective Koroyd cladding which is then

wrapped in a real carbon fiber skin, to stiffen and strengthen the plate.

Circle 6009 for More Information

Tactical Ballistic Shields

Hardwire's **Tactical Shields** have been specifically produced to provide the lightest weight of protection for law enforcement. Designed from armor technology developed for the Department of Defense, and with input from law enforcement, all of Hardwire's **Tactical Shields** meet NIJ Level IIIA or Level III protection standards. These ultralightweight ballistic protection shields are also available in multiple sizes and configurations.



Circle 6010 for More Information

Free-floating Adjustable Boltless Handle System

The increasing number of assaults against law enforcement by assailants equipped with AR platform and other types of .223 and 5.56 weaponry has increased the demand for more advanced designs of ballistic

shields.



The new Baker Ballistics individually adjustable Free-floating Adjustable Boltless Handle System is centrally mounted near the shield's center of gravity, providing the MRAPS® Series shield user with ease of shield/weapon positioning, accurate delivery of long gun firepower and the creation of an optimal interface between the shield and a user's primary weapon.

All six MRAPS Series ballistic shield models include the exclusive Free-floating Adjustable Boltless Handle System which protects the support hand from injury; maintains the shield in a protective position following impacts to support hardware; and minimizes weak regions created by use of through bolts.

Circle 6011 for More Information



New Carrier from Point Blank

The **ARMIS Gen II** is a highly scalable, side opening carrier which allows tactical units the flexibility to configure their armor system to meet mission specific needs. This includes the capability to release the complete vest in one quick motion and select the specific level of protection needed while enhancing operator mobility, agility and range of motion.

The kangaroo pocket on the front flap includes three rifle magazine inserts. External, bottom loading, hard armor plate pockets are located in the front and rear.

Circle 6012 for More Information

New Ballistic Vest

Easy to don and doff, the new ODC Guardian, from Point Blank, combines the versatility of a front opening vest with a design which offers optimum coverage. Users can instantly convert the ODC Guardian into a ballistic protective vest by inserting concealable ballistic panels into the front and back interior pockets. Within seconds, the ODC Guardian is ready to wear with up to Level IIIA protection.

Circle 6013 for More Information





New Ballistic Helmet

The EXFIL® Ballistic SL Helmet, from Team Wendy®, is the lightest proprietary helmet on the market. It is 15% lighter than the original EXFIL Ballistic and features the Rail 3.0 mounting system which allows toolfree installation of the EXFIL Ballistic Visor and EXFIL Face Shield. Adding the new EXFIL Ballistic Ear Covers to the Helmet provides significant additional ballistic coverage while still meeting key industry performance standards.

Circle 6014 for More Information



ALL IN ONE

Attach the EXFIL® Face Shield on the EXFIL® Ballistic SL and eliminate the need to carry both a ballistic helmet and a dedicated riot helmet

- EXFIL® Face Shield attaches toolfree to the EXFIL® Rail 3.0 accessory mounting system in seconds
- Adjusts into three preset positions (down, up and stowed)
- Exceeds optical and strength requirements of BS EN 166:2002 Class 2B



LAW ENFORCEMENT LEADERSHIP



We all look "down the road" towards retirement. Regardless of the job we have, most everyone has retirement dreams of (maybe) moving to an island, taking long walks on the beach and sitting at an oceanside bar for afternoon drinks.

Michael Carpenter

egardless of your retirement ambitions, you are not there yet. There are some small problems to overcome which lie between your current job and your future aspirations. Now, the good news for a lot of you is that, in many states, police officers have an option for an early retirement. Rather than wait for age 62 or 30 years in the system, many states or municipalities allow police to leave the job sooner than that. But, whether you have a 20 year/50 percent retirement plan or some other early retirement option, you can't realistically retire when you're in your early 40s on a 50% pension and expect your retirement dreams to come true. Often, at that time of our lives, either the kids are in college, or you are in the "toy buying" stage of life (chromed up motorcycles, classic cars, etc.), or you moved to a larger house (with a much larger mortgage) or...you get the picture. And, because of that, you can't support your lifestyle in your early 40s on a 50% pension for the rest of your life.

Well, 41 is too young to retire anyway! And, this next step in your life can be very rewarding if you can use the skills and experience you develop when you are in your 20s, 30s and 40s. We all know officers who have retired and have great second careers which they really like. I'm not about to try to list all the retirement options which are available to you. However, I can offer some information about a specific second career which is rewarding, stressfree, pays well, and where you will get 20 weeks of paid vacation a year!!! Do I have your attention?

I had an interesting conversation with a police officer a couple of months ago. It was the first time I had met this officer so, after the usual small talk introductions, he asked, "So, what do you do?" I gave him a little background (that I had been "on the job") and that, now, I am a college professor teaching criminal justice classes. His response was one I hear from other officers with whom I have had contact, "Hey, that sounds like fun. Maybe, I'll do that when I retire. Let me know when there is an opening for a teaching job at your college and I'll put my name in." Hearing that response a lot from officers over the years, I thought that I would use this column to give you some insights into what could be a really good second retirement career for you.

I have to admit that, this past January, I went on vacation to a great spot and, as I drove by Key West Community College, I was really tempted to stop and see if they were hiring! That way, I could teach classes in the morning and walk the beach to the tiki bar in the afternoon! That sounds great, but what do you need on your résumé to make that happen?

Long Before You Retire

Long before you retire, you need to plan for your retirement. But, if you are planning on a second career teaching full-time at a college, you may need to start planning years in advance. What sort of things do you need to consider?

First, it is a huge adjustment in your life to switch careers. You are very comfortable right now. You make good money after all of your years in service. You know what to do and how to do it, no matter how bad a situation is. But, it's time to retire or maybe you could retire if you had something to move into for a second career. The first thing for you to recognize is that you will definitely take a pay cut. No doubt you are near the top of your pay

scale and maybe have a couple of promotions under your belt. That salary will be tough to leave. Realize, however, that a lucrative second career will allow you to bank your pension or only dip into it a little and still maintain your lifestyle.

Second, if you get a state sponsored pension, you (usually) can't work for any branch of government in that state (including state colleges) and still collect your pension (or there may be a financial penalty if you make more than a certain amount of money). Don't let that discourage you from teaching at a college. You may not be able to teach full-time at the community college down the road from you, but you could work at a private college in your state or at a state sponsored college in another state and still collect your full pension and a full-time professor's salary.

Third, there are four criteria or items which you need to have on your résumé to be considered for a college teaching position and, in my opinion, these are listed in order of importance: 1) Advanced college degree; 2) Teaching/training experience; 3) Publishing or writing credentials; and 4) Experience.

After you pack all that into your résumé, then you can apply for a teaching job.

What you have done in your career so far is nice and I'm sure you have included it all on your résumé. But, remember, you are not applying for a second career in policing. You are applying for a second career in academia. You cannot put in your retirement papers and then drive to the nearest college and say, "Hey, I just retired and I want to teach college." If you want to put a résumé together with all of these points, then you need to start NOW!



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LAW ENFORCEMENT LEADERSHIP

Continued from page 10

You Got a Degree?

It will not be easy to be hired as a fulltime college professor - even though you may have achieved a high rank in your job or commanded 100 officers. Sure, you have lots of police experience, but you are entering the world of academia and vou'll need more than that to get

If you're going to teach at a college, you'll need some college behind you. Let's start with a minimum of a master's degree in criminal justice. That may be enough to get you hired at a small community college. It will not be enough to be hired at a four year college or university. Plan on getting a doctorate degree in criminal justice for a full-time position at a larger college. Colleges across the country are pumping out "wanna-be" criminal justice professors by the hundreds every year, all with PhDs. So, you're saying, "Well, I've got 20 years of experience and they don't." You are right; however, you still won't get hired. Also, if you are going back to school to get your degree, make sure you are attending a recognized college or university, not a for-profit college. Where you get your graduate degree will

Some agencies pay for tuition and books for you to go to college. Few officers take advantage of it. One agency near me has about 75 officers. Of all of those officers, only three are currently going to college - for FREE! Yes, it is a "royal pain" to work on the job, take care of family, work OT whenever you can, have some personal time, AND go to college. I know this from personal experience and I see many students in my classes trying to do this. But, ten years or so from now, the inconvenience of going back to college will allow you to leave your agency for a great second career. Even if your agency does not have a tuition reimbursement benefit, pay it out of your pocket. You are investing in your future!

Teaching/Training Experience

You will need teaching or training experience; however, you can get it while you are on the job. Here are some options:

- 1. As a school resource officer, you can make presentations in school classrooms on "what police do" or "which drugs are deadly" or such. You might think it's not a big deal, but it is still teaching.
- 2. How about teaching a driver's education class at a high school? I am not sure what the exact qualifications are in your state, but, at one point, I looked into

that in the state in which I worked.

- 3. You could teach at an academy. Every police academy I know of uses police officers as instructors. They are on the job full-time, but come to the academy to teach a specific topic in which they are specialized. Most states require that you attend an instructor development class in order to be certified as a police instructor. Look for an upcoming "train the trainer" class and put in for it.
- 4. If you have developed a certain expertise during your career (maybe accident reconstruction, or drug interdiction, etc.), you may be hired as a part-time police trainer by any of the private police training companies which are out there. For example, IPTM, in Florida, offers more than 400 courses and Southern Police Institute, a division of the University of Louisville, offers dozens of courses and they hire instructors to teach them.
- 5. Become an adjunct instructor at a college (adjunct is college talk for "parttime"). If you have a four year degree (but preferably a master's degree), you should contact the nearest college to you which offers a criminal justice degree. There may be an opening for a part-time instructor for which you could apply. Go in person and meet the full-time criminal justice faculty. Often, they are retired from a criminal justice career and will be glad to share a cup of coffee with you and talk. To give you some perspective, I teach at a small college with about 3,500 students - about 300 are criminal justice students. We have two full-time criminal justice professors and six adjuncts. Two of the adjuncts are retired state police officers; one is a current city police chief; one is a retired judge; one is a current assistant district attorney; and one works in the field of substance abuse. We also have about 20 résumés on file for people who want to teach, either full- or parttime. P&SN

(Part II of this article will appear in the January/February 2019 issue of Police and Security News.)

Note: Police Management Services, LLC is pleased to announce to the readers of P&SN that it is offering a new online supervisory training program. This online training is the equivalent of a four day training program at an academy. For more information, please check their Web page at http://policemanagement. com/expert.html or you can reach them by E-mail at MCarpenter@policemanagement.com or by phone at (518)761-9708. Also, see their ad in this edition of P&SN.



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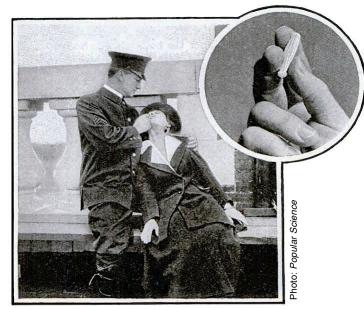
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TECHNOLOGY FROM THE PAST

The Policeman and the "Lady Reviver"

ack in 1917, the Washington, DC, Police Department, experienced in handling big crowds at presidential inaugurations and other celebrations in the nation's capital, set about to find a way to revive persons who had fainted on the street without having to call an ambulance and send them to a hospital. Every member of the force, when on duty in crowds, carried a new item in his pocket – a pill box full of tiny glass tubes of aromatic spirits of ammonia (commonly referred to as "smelling salts"). The tubes were about an inch long and slightly more than an eighth of an inch in diameter. Each one had a wrapping of absorbent cotton and a silk gauze covering over the cotton.

Slight pressure between two fingers was sufficient enough to break the tube. The ammonia was promptly absorbed by



A police officer reviving a woman who has blacked out, through the use of an ammonia inhalant (shown inset)

the cotton around it which also served to prevent the sharp particles of glass from doing any harm. Held beneath the nose of the person who had fainted, the fumes of the ammonia soon revived her (or him). The tubes were stored in all of the patrol boxes around the city and were carried in patrol wagons and ambulances. Still available today, smelling salts have undergone a resurgence of interest by athletes as a pregame stimulant or as a "pick-me-up." P&SN



NEWS

Violent Crime Reduction Operations Guide



Violent Crime Reduction Operations Guide





Developed by the Bureau of Justice Assistance and the Major Cities Chiefs Association, this new guide is intended to identify the critical elements of violent crime reduction efforts and to put before the law enforcement community a sample of the remarkable array of programs, services and assistance available from the U.S. Department of Justice. This guide recognizes the complex challenges confronting today's

law enforcement executives and offers ideas on how to approach the extraordinarily difficult problem of developing effective tactics and strategies to deal with those chal-

To download a copy of the Violent Crime Reduction Operations Guide, go to https://tinyurl.com/yd85a44f. P&SN

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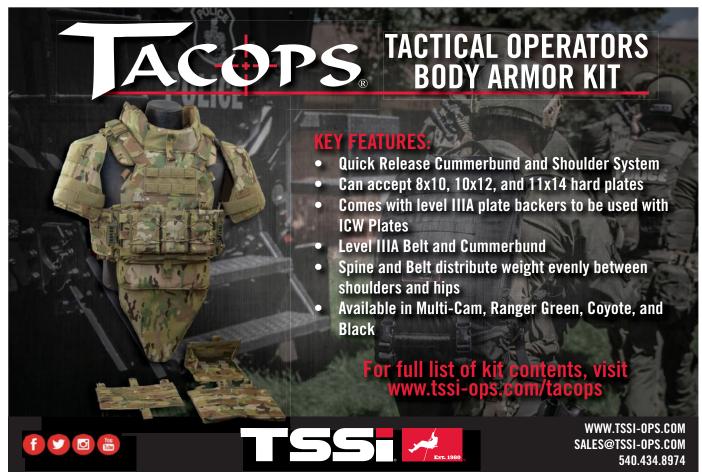
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Circle 6020 for More Information



PRODUCT HIGHLIGHT



BOSTON LEATHER

Boston Leather now offers a holder for the SOFTT-W and CAT tourniquets. One holder fits both models and is available in plain, clarino, basketweave, and nylon finishes. It fits up to a 21/4" duty belt and comes with a loop or clip back, as well as an SA (Strap Attachment) for suspenders.

Circle 6022 for More Information



CHINOOK MEDICAL GEAR, INC.

The Chinook Tactical Medical Kit-Medical Panel Insert (TMK-MPI) holds all of the necessary supplies for TCCC recommended treatments with room for additional items. With its overlapping hinge system, the Medical Panel Insert can be oriented either vertically for backpack insertion, or horizontally for messenger bag insertion; simply pull apart the overlapping hinges and reconfigure the panels in your preferred orientation. The Medical Panel Insert can be used as a standalone medical sheet and comes with three large removable mesh pouches; four small removable mesh pouches; and two small removable instrument panels. It is made of 500 denier CORDURA® nylon and is MOLLE compatible with PALS webbing.

Circle 6023 for More Information

Tactical EMS/First Aid Equipment

TACTICAL MEDICAL SOLUTIONS, INC.

The **TacMed Bleeding Control Kit** contains the necessary items to control serious bleeding and prevent further blood loss for a victim suffering a traumatic injury. The compact **kit** has a well laid out interior which allows easy access to the components inside. It can be easily stored in places such as a car or gear pack. The included instructions prioritize which injuries to treat with appropriate components. The instructions detail how to treat massive spurting blood loss with a tourniquet and how to treat oozing dark red blood with direct pressure using gauze and a hemostatic agent.



Circle 6024 for More Information

TSSI

The TACOPS Vehicle Trauma Kit (VTK) has been designed and equipped to fulfill a U.S. federal agency contract for use by personnel in remote areas. The VTK fits in small spaces behind or under vehicle seats and provides two 6" x 12" and one 12" x 12" vinyl pouches which store over six dozen essential first aid pieces. These items include two 8" x 10" abdominal pads; two four inch elasticized pressure bandages; two QuikClot® Combat Gauze; four compressed gauze; a CAT tourniquet; orange EMT shears; 12 medium nitrile gloves; 12 large nitrile gloves; 12 extra-large nitrile gloves; two triangle bandages; two CPR masks; and much more.

Circle 6025 for More Information

RESCUE ESSENTIALS

The **CBP Casualty Response Kit** is small in size, but huge in life-saving features. This IFAK, based on a Condor M14 magazine pouch with a tourniquet holder on the outside for rapid access, contains a NAR CAT® tourniquet; a SWAT-T® tourniquet; Z-Pak dressing; a Hyfin chest seal; nitrile gloves; and a CPR face shield. Available in black or OD green, the kit measures 7"H x 4.5"W x 3"D.



Circle 6026 for More Information

QUIKCLOT®



Used by municipalities across the United States, Quik-Clot Combat Gauze® LE puts lifesaving technology into the hands of trained law enforcement officials who are often the first points of care on a scene. QuikClot devices work fast to help control bleeding until additional medical attention can be sought. Every year, QuikClot products help people survive traumatic bleeding, including first responders who are injured in the line of duty.

Circle 6027 for More Information

TSSI

The **TACOPS Tactical EMS (TEMS)** bag provides for individual emergency response to multi-casualty situations. Worn diagonally over the shoulder or as a fanny pack, it can be easily accessed and then rotated behind the wearer. External features include PALS webbing across the front; a glove pouch on top; a large pouch for chest seals on the back; and straps to hold two pole-less litters on the bottom. Inside the lid are elastic loops for decompression needles, airways and markers. The main compartment can securely hold ten compression



bandages, four tourniquets, six packages of compressed gauze, and four hemostatic agents. The bag can be purchased empty or with any user-specified load out.

Circle 6028 for More Information

NEWS

Justice Department Announces Release of New Fentanyl Safety Video for First Responders

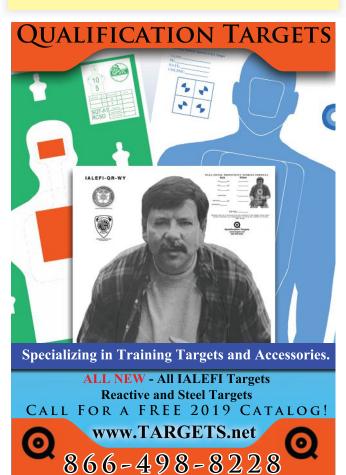


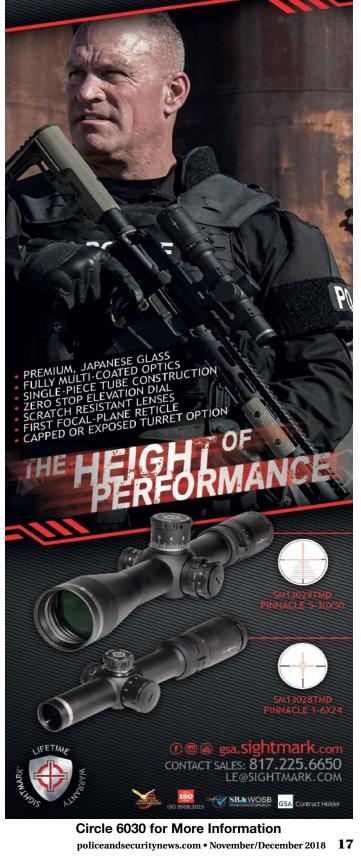
Recently, the Office of Justice Programs' Bureau of Justice Assistance (BJA) released the Fentanyl Safety Recommendations for First Responders' companion training video, Fentanyl: The Real Deal. The video was produced by U.S. Customs and Border Protection to help first responders protect themselves when

the presence of fentanyl is suspected or encountered on the job. The video is available at https://tinyurl.com/y8epbq7w.

Fentanyl: The Real Deal provides recommendations to law enforcement on how to navigate safely around the increased prevalence of fentanyl in the illicit drug market. The video provides first responders with unified, scientific and evidence-based recommendations for protective actions first responders should take when the presence of fentanyl is suspected, when exposure occurs and when individuals exhibit signs of opioid intoxication.

The new training video, as well as the Fentanyl Safety Recommendations for First Responders (https://tinyurl.com/y8uzxv4c), released in November 2017, is the result of a Federal Interagency Working Group coordinated by the White House National Security Council. The collaboration of agencies and organizations on the safety recommendations guide and training video reflect concerns about increased prevalence of fentanyl in the illicit drug market. P&SN





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PINNACLE



P&SN presents its 21st annual report on the latest technical advances in police vehicles, components and aftermarket equipment.

elcome to our annual transportation issue which covers all that's new in LE transportation as gleaned from national events like the IACP Conference, National Sheriffs' Association Annual Conference, Police Fleet Expo, and the annual Michigan State Police (MSP) vehicle evaluations. This year, we've rearranged a couple of sections to provide you with a faster, easier review.

Our coverage will begin with the results of the recent MSP tests of LE vehicles and motorcycles, followed by a comprehensive review of the new sedans and SUVs available from the "Big Three" and police motorcycles. We'll conclude with a review of the latest emergency equipment options available to you.



One of the many police vehicles on display at this year's Police Fleet Expo in St. Louis

MSP 2019 MODEL YEAR TEST RESULTS

The annual MSP tests are conducted with LE-specific vehicles and motorcycles submitted by various manufacturers. The 2019 tests were held September 13 through 17, 2018. To insure a level playing field, all vehicles are tested "slick top," sans lightbars.

We'll organize this year's MSP results differently than previous years. Instead of lumping all vehicles together, resulting in an "apples and oranges" comparison, we've grouped vehicles like most departments compare and purchase them...sedans, SUVs, trucks, and motorcycles.

Police Sedan Acceleration and Top Speed

Police sedans seem to be a dying breed today, as witnessed by the fact that only four of the 12 vehicles tested were sedans – one Ford and three Dodges. The Dodge Charger Pursuit has been the best-selling police sedan in North America for several years, causing the competition to fade away as the builders concentrate on their SUVs. Gone are the familiar names like Crown Vic and Caprice, as only the Charger remains.

Presented for evaluation by FCA were

three Dodge Charger Pursuits – the 3.6L V-6 in RWD, the 5.7L V-8 in RWD and the AWD 5.7L. Ford brought their PI Sedan replacement, the Responder™ Hybrid Sedan

The two HEMI® powered Pursuits tied for the top sedan speeds at 149 mph (down from 150 mph last year), while the V-6 topped out at a respectable 141 mph. In the two timed acceleration speeds (0-60 and 0-100), the AWD HEMI Charger was the fastest at 0-60 mph in 5.87 seconds, but, in 0-100, the RWD HEMI was quickest at 14.66 seconds.

Comparing results of the Ford Responder Hybrid Sedan and the Charger is not valid because the Responder was never meant to be a pursuit vehicle. Although equipped with all of the bells and whistles, the sedan was developed to be an economical hybrid urban police car and an alternative to gas powered sedans. It posted a respectable top speed of 119 mph which should be adequate for any inner city police patrol.

Police SUV Acceleration and Top Speed

Echoing the current trend in policing, LE SUVs were the largest group of vehicles tested – seven out of the 12. And, you will have more choices next year with the



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Dodge's new Durango Pursuit is a good choice for agencies looking for a "midsize" SUV.

introduction of the two new Mopar® SUVs, the Dodge Durango Pursuit and the 2020 PI Utility Hybrid.

Chevrolet brought two of their popular Tahoes, both 5.3L V-8s – one in RWD and one in 4WD. There were two Durango Pursuits, a 3.6L V-6 and a 5.7L V-8, both in full-time AWD. Ford rolled out three PI Utilities, including the 2020 Utility Hybrid. All are full-time AWD, with a 3.3L V-6, a 3.0L EcoBoost® and the Hybrid gas/electric.

Ford's EcoBoost Utility earned all of the speed honors this year by being the fastest of ALL vehicles tested. Their top speed was 150 mph and completing their trifecta, their timed runs were also the fastest – 0-60 was 5.77 seconds and 0-100 was

13.59 seconds. The icing on the Michigan cake was that they also claimed the top average lap time of 1:36.47. The other two PI Utilities tied at 137 mph top speeds, both being faster than the Tahoes and Durangos. Yes, one of them was the Hybrid!

The two Tahoes were pretty well-matched to each other, with the RWD unit edging out the 4WD with a top speed of 134 mph vs. 121 mph. The RWD also posted faster 0-60 and 0-100 times.

Mopar fans were disappointed with the Durango Pursuit's speeds, as both units posted the slowest SUV top speeds, 117 mph (V-6) and 118 mph (V-8). However, the HEMI's 0-60 and 0-100 timed runs were faster than either of the Tahoes.

Sedan Braking

The Charger Pursuit has the unique distinction of posting the best and the worst estimated stopping distances of the sedans. The best was 126.9 feet, recorded by the RWD V-6, and the worst was 133.8 feet by the AWD HEMI. The second best distance was the RWD HEMI at 128 feet, while the Police Responder was third at 129.4 feet. It should be noted that the

RWD V-6 Charger's braking <u>was best of ALL vehicles tested</u>.

SUV Braking

The Dodge Durango redeemed itself in the braking tests as the V-6 unit came in at a respectable 128.8 feet. Second best was the EcoBoost Utility at 131.5 feet and the Utility Hybrid was third at 132.4 feet. The worst results were posted by the RWD Tahoe at 145.7 feet, almost 18 feet further than the Durango.

The vehicle with no competition whatsoever was the Ford F150 Responder pickup. Pickups have carved out a small niche among LE vehicles and are increasing in popularity, particularly with rural and mountainous area sheriff agencies. Although GM and FCA both offer Special Service trucks, Ford was the only company which provided one for testing. Ford's Responder was powered by the 3.5L EcoBoost which was impressive in their PI Utility and, although the truck was the slowest of all vehicles tested at 108 mph, its braking results were actually better (at 141.9 feet) than both Tahoes.

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MOTORCYCLE TEST RESULTS

Three companies provided a total of seven motorcycles for evaluation, the same as last year. North America's sales leader, Harley-Davidson®, brought three police bikes: the FLHTP, the FLHTP Stage I and FLHTP Stage II. BMW brought three also: the R 1250 RT-P. F 750 GS-P and the F 850 GS-P. Yamaha finished out the group with their FJR1300AP.

The fastest solo again this year was the Yamaha at 144 mph, a mile faster than last year. It also posted the fastest timed runs of 0-60 (3.78) and 0-100 (8.39). BMW bikes posted the second and third highest speeds - the 1250 RT-P at 137 mph and the 850 GS-P at 118 mph. The 1250 RT-P also had the second fastest 0-60 times (4.03) and 0-100 (8.77). The BMW R 1250 RT-P posted the fastest average lap time of 1:36.60, while the Yamaha was second at 1:38.56. Unfortunately, the three Harley-Davidson motorcycles tied as the slowest bikes at 109 mph each.

The braking exercises were the reverse



Circle 6034 for More Information

of the speed testing: Whereas the Yamaha was the fastest motorcycle tested, it had the worst stopping distance of 143.3 feet, nearly 13 feet further than the best finisher, the BMW R 1250 RT-P at 130.7 feet. The BMW F 850 GS-P placed second at about four feet further, 134.4 feet, while third place went to the Harley-Davidson FLHTP at 137.5 feet. The remaining two H-D solos followed closely at about one foot further each. With disappointing braking results like last year, it looks like the folks at Yamaha might consider adding a parachute to their speed machine for next year's tests.

THE 2019 POLICE CARS (AND SUVS)

Throughout this year, we have kept vou updated with "breaking news" on the changes the folks at Detroit. Dearborn and Auburn Hills were planning for next year's cruisers. This was often a combination of fact, fiction, speculation, and even wishful thinking, because getting actual confirmation can be as difficult as changing spark plugs wearing a catcher's mitt; ditto for sales figures. The reality is, of course, that auto production is a competitive affair, so the Big Three are understandably tightlipped. That's why we always look forward to this issue to reveal the reality.

CHEVROLET (gmfleet.com/police)

Bow tie loyal buyers will find their 2019 LE choices from GM are becoming scant.

Tahoe

There are three Tahoes available: the Tahoe Police Pursuit Vehicle (PPV), available in either 2WD or 4WD, and the 4WD Special Service Vehicle (SSV). Officers will have an unprecedented level of safety with the Enhanced Driver Package which includes Forward Collision Alert, Automatic Braking and Lane Departure Warning. All Tahoes feature Chevy's EcoTec3® 5.3L V-8,



Two Chevy Tahoes were tested in Michigan this year, although there are three versions currently available to law enforcement.

developing 355 hp and 383 ft lb of torque.

Standard equipment on the PPVs include headlight and taillight flashers, six air bags, a heavy-duty isolated auxiliary battery, a heavy-duty suspension, a fullsize spare, and an available skid plate package. Both PPV versions are pursuit-rated. whereas the SSV 4X4 is not. The SSV stands two inches taller than the PPVs; has over two inches more ground clearance; and it rides on larger wheels and tires.

Impala

The once very popular Impala is still available, although only as a nonpursuit undercover/administrative vehicle. It is available with either an EcoTec3 3.4L four-cylinder engine with stop/start technology or the popular 3.6L V-6 with E-85 flex-fuel capability. The Impala is FWD, with a six-speed transmission and it boasts a huge trunk with 18.8 cu. ft. of cargo space and is available in six colors.

Also available at the Chevy store is the Silverado SSV pickup, available in either 2WD or 4WD, powered by a 5.3L EcoTec3 V-8. Both are available with off-road tires and suspension packages and two bed lengths of 5'8" and 6'6".

FIAT® CHRYSLER (fcausfleet.com)

It is highly unlikely that, in the hallowed halls, boardrooms and design studios at Auburn Hills, you will ever hear the words "one size fits all" because FCA's current LE lineup truly has something for every need, from Charger Pursuit sedans with two engine and drive wheel choices, to the Ram Law 1500 pickup and the all-new Dodge Durango Pursuit SUV.

Dodge Charger Pursuit

The LX Platform Charger police car has been with us for over a dozen years now, but there is little in comparison between the first and current models in appearance, technology and officer safety. There are two engine choices and two drive systems available in the 2019 Charger Pursuits - the Pentastar® 3.8L V-6 in RWD and the Gen III 5.7L HEMI V-8 in either RWD or AWD. North America's best-selling police sedan has been treated to several restyles with the current version which borrows styling clues from the car's namesake of the '60s and '70s. The looks are stunning with the distinctive retro side coves and "race track" rear lights, but the popularity of this cruiser goes well beyond skin deep. FCA's AWD is the most advanced of the competition with a power

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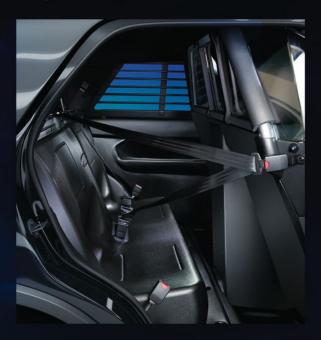


*Versus standard partition windows. @2018. Jotto Desk® and the Space Creator Partition are patented products of Assembled Products™ Corporation.









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Circle 6036 for More Information

split of 50/50. The Charger features pursuit-rated brakes, load leveling suspension, All Speed Traction Control, and electronic stability control. Standard is keyless entry and starting while the officer retains the fob.

With officers' safety paramount at FCA, the Charger can be fitted with optional ballistic door panels and steel seat back inserts. Standard safety equipment includes the Officer Protection Package which utilizes cameras and sensors to detect movement behind the car alerting officers as images automatically appear on the 12.1" Uconnect® dashboard touch screen. The system can be programed to activate warning chimes, flash tail and back-up lights, roll up windows, and lock the doors. The Charger's Secure Park prevents idling cars from being driven without the fob onboard.

Dodge Durango Pursuit

At last year's MSP tests, FCA fielded a modified Durango, causing speculation that a pursuit-rated Durango might be coming. In a field dominated by Tahoes and PI Utilities, Mopar loyal agencies (particularly those with Chargers) were more



Circle 6037 for More Information

than ready. Although the tests were not published, they were impressive enough that FCA proceeded with the heretofore secret Durango Pursuit project. Well, wait no more...it's here and you can order one today. Starting with the re-engineered front fascia which features integrated brake cooling air ducts, to the Charger style "race track" rear lighting, this SUV is new from bumper to bumper.

The pursuit-rated brakes feature 13.8" rotors in the front and 13" rotors in the rear. With these brakes and the exclusive Ready Alert Braking System (which anticipates situations that may initiate an emergency stop, such as a car chase), the Durango had the best projected stopping distance of all the SUVs at the recent MSP tests. The standard Durango engine is the proven 3.6L Pentastar V-6, while the optional power plant is the popular HEMI 5.7 V-8. Both engines are attached to an eightspeed transmission with full-time AWD standard and a two-speed transfer case for off-road assignments.

Technology merges with safety in the new Durango. Boasting the largest touch screen in the sector, keyless entry and starting, rear vision and parking assist, the Durangos offer performance and enhanced officer comfort and safety. With Three Zone Automatic Temperature Control, the Durango will appeal to departments with K-9 patrols, too.

The Durango Pursuit falls right in the middle between the Tahoe and PI Utility in overall size, ground clearance and cargo volume - all features vou look for in an SUV. It is anticipated that fleet pricing will also be somewhere between the Tahoe and the PI Utility, making this SUV a logical choice for agencies looking for a "midsize" SUV. Plus, you'll never have to say "I coulda had a V-8."

Ram 1500 Special Service and ProMaster®

Under the FCA umbrella, you'll find two more unique special purpose vehicles. The 2019 Ram 1500 Classic Special Service is a 4X4 Crew Cab pickup with a 5' 7" bed. The Special Service Group adds the 5.7L HEMI with MDS, six-speed transmission, engine oil cooler, ten-way power cloth driver's bucket seat, and fixed rear door windows. The truck features Ram's exclusive bed side storage compartments large enough for long gun storage and has a towing capacity of 10,050 lbs.

The Ram ProMaster is a cargo van suitable for a variety of LE functions such as SWAT, prisoner transport, mobile command posts, and crime scene labs. It is



Ford's new Police Interceptor® Utility hybrid was clocked at 137 mph at this year's Michigan State Police vehicle

available in four lengths, two heights and three wheelbases and is available with or without side windows. The ProMaster is powered by the Pentastar 3.6L V-6 and is available in 13 colors.

FORD MOTOR COMPANY (fleet.ford.com)

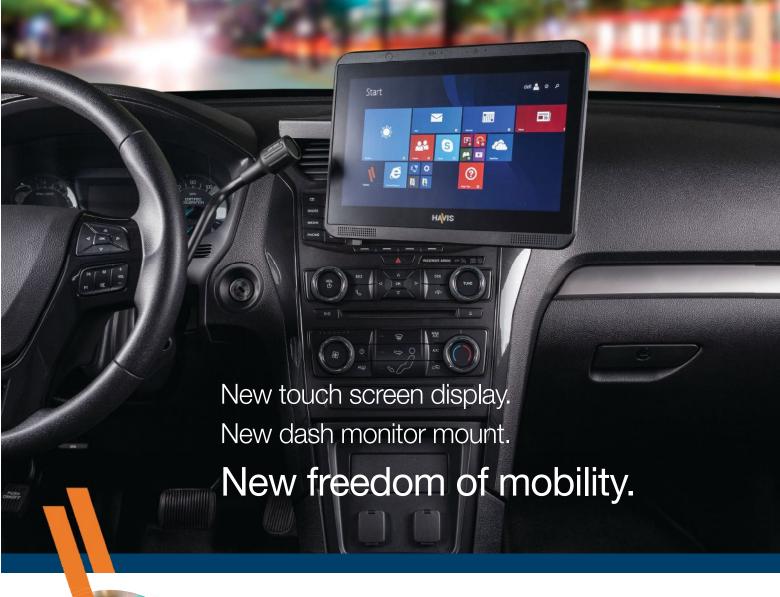
Throughout the past 100 years or so. Ford has built many memorable police cars, such as the Crown Vic Police Interceptor®, the Mustang Special Service and the Fox body LTD. Although Ford no longer produces a pursuit-rated sedan, their PI Utility has a huge following. In fact, the 2018 Utility represented 80% of Ford's PI sales and accounted for 52% of all police vehicles sold in the U.S.

Ford's current LE lineup consists of the Police Interceptor Utility (in three versions). the Police Responder Hybrid Sedan, the F150 SSV and Police Responder pickup, the Expedition SSV, and the Transit PTV.

Police Interceptor Utility

Ford's PI Utility has been tweaked, modified and improved since it debuted in 2012 with its cousin, the PI Sedan, Navsavers scoffed at the notion of attaching the proud name "Police Interceptor" (first used in 1992) to police cars based on a Taurus and Explorer, but they scoff no more, as the PI Utility is officially the fastest police vehicle in America. There were three versions tested at MSP (all pursuit-rated): a 3.3L V-6 AWD, the 3.0 EcoBoost V-6 AWD and the new 2020 Utility Hybrid. All are standard with full-time AWD.

In addition to the accomplishments of the EcoBoost Utility, there is groundbreaking news about the Utility Hybrid. The Hybrid powertrain is ideal for police work which often requires hours of idling while powering radios, computers and other equipment. The Hybrid allows the gas engine to shut off, while powering electrical equipment from its lithium ion battery and starting the gas engine intermittently to charge the battery. Fuel savings with the Hybrid are estimated to be \$3500 a year when compared to the current PI Utility.



Mount your computer remotely.

The latest mobile office solution from Havis features a new lightweight, high-resolution touch screen display and optional vehicle-specific mounts that maximize comfort, safety, functionality and in-vehicle space. The display functions as an external monitor that mounts close to the dash with the option of mounting the computing device elsewhere in the vehicle to save space in the cabin. A tilt/swivel hinge provides for a range of adjustments to reduce glare and body strain and allow access to the OEM control panel.

- Display and Mount have been tested to industry safety and vibration standards to ensure quality performance in rugged conditions.
- Compact design optimizes space for additional equipment and peripherals (keyboards, scanners, etc.) to be mounted in the cabin.
- Vehicle specific dash mounts for the touch screen display available for numerous models of Ford, Chevrolet, Dodge, and Nissan.
- Display, mount and peripherals can be bundled into a mobile office solution or purchased separately.

Learn more at havis.com



Continued from page 26

Even with these savings, the Hybrid still hit an amazing 137 mph, faster than six of the other vehicles tested this year. And, even with the batteries onboard, cargo space has increased over the 2019 Utility.

PI Utilities share other features, such as improved rear A/C for K-9 service and the optional Rear Camera on Demand which can be activated independently of the reverse gear. When these features are combined with the Police Perimeter Alert system, the PI Utility provides safer working conditions for officers and their K-9 partners.

Ford's LE lineup is rounded out with the Police Responder Hybrid Sedan, the F150 Police Responder truck, the Expedition/Max SSV, and the Transit PTV Prisoner Transport.

The F150 Police Responder was the first pursuit-rated pickup ever and is powered by the proven 3.5L EcoBoost coupled to a ten-speed SelectShift transmission with selectable drive modes: Normal, Tow/Haul, Snow/Wet, EcoSelect, and Sport. It is a 4X4 and has the largest interior passenger volume of any pursuit-rated vehicle. With the optional Trailer Tow Package, the towing capacity is 12,700 lbs.

Ford's LE lineup continues with the Police Responder Hybrid Sedan (replacing the PI Sedan), the Expedition SSV and the Transit PTV (Prisoner Transit Vehicle).

POLICE MOTORCYCLES

Police motorcycles continue to be an important element of local, county and state agencies across America and the annual MSP evaluations are an important criteria used by most fleet buyers. Following are details about the motorcycle vendors participating in the MSP tests: BMW, Harley-Davidson and Yamaha.

BMW (bmwmc.net)

The BMW F 750 GS-P and F 850 GS-P are nearly identical bikes as they share the same engine - the 853cc, a water-cooled two cylinder; however, the 850 develops more horsepower (90 vs. 77) and more torque (8000 vs. 7500). The 850 rider sits over an inch taller than a 750 rider on both the standard and low seats. They have different front forks, but share the same disengageable ABS brakes. The two bikes are well-suited for both on-road and offroad assignments and their MSP results were very similar. The 850 was faster at 0-60, but the 750 was faster at 0-100. With a top speed of 118 mph, the 850 was five mph faster than the 750, and the 750 took

four feet further to stop than the 850.

The 1250 RT-P is BMW's real work-horse. With an air-/water-cooled flat twin "Boxer" four stroke 1170cc engine, it recorded a top speed of 134.4 mph at Michigan. It features a six-speed transmission, has 17" wheels and two seat heights.

Harley-Davidson (harley-davidson.com)

Over 110 years ago, an officer riding the first Harley-Davidson police motorcycle began patrolling the streets of Detroit. Since then, that first solo cop has been joined by thousands more officers, deputies and troopers from coast to coast, making the H-D police bikes the best-selling LE motorcycles in North America.

Harley's newest evolution of the aircooled V-Twin is the Milwaukee-Eight engine and it powers their two most popular police bikes, FLHTP Electra Glide® and the FLHP Road King®. Both develop 1868cc and feature Electronic Sequential Port Fuel Injection (ESPFI) and five-speed transmissions. Their brakes are full-time ASB with four-piston calipers front and rear. There are some minor differences in the two bikes; while both have windshields, the Electra Glide also has a fairing. Riders of both machines sit at the same height and both bikes have a 5.3" ground clearance.

Harley-Davidson's third LE bike is aimed for departments wanting a smaller, lighter and more agile motorcycle, the Police XL 883®, which is a smaller solo based on their popular Sportster. It is powered by an 883cc Evolution® air-cooled V-Twin which shares the ESPFI with the larger bikes. It also has a five-speed gearbox.

Yamaha (yamahamotorsports.com)

Yamaha's FJR 1300 AP is powered by a 1298cc in-line, four-cylinder, liquid-cooled engine coupled to a six-speed transmission and a shaft drive. It comes with their Chip Controlled Throttle and features adjustable seat and handlebar options. Their windshield is higher than their standard windshield and the solo has wind deflectors to protect an officer's feet.

EMERGENCY EQUIPMENT

You'll find this section is arranged differently than in prior years. American consumers tend to be brand loyal, whether they are buying breakfast cereals, running shoes or new cars. Police fleet buyers are no different. Many times, they stick with local companies, but, generally, they tend to buy brands they are familiar with and satisfied with. Another factor is that, frequently.



The DVT-04 is a dual voltage timer and power distribution panel from All Fleet Solutions.

they can easily integrate new equipment with the same company's equipment already in service. In the case of consoles, partitions and lightbars, most LE equipment suppliers can also provide mounting brackets to facilitate installation, even if they change makes or models of vehicles.

This section is presented alphabetically by manufacturer, so you can easily find your favorite supplier.

All Fleet Solutions (allfleetsolutions.com)

The DVT-04 is a dual voltage timer and power distribution panel in one clean package, featuring four timed and two hot circuits, with a 75 amp load.

The DVT-01 has a 30 amp load with a single output timer. This unit includes many features, such as Low Voltage Disconnect. To ensure that a temporary load does not create a nuisance shutdown, the DVT Timer will wait 15 seconds before disconnecting the circuit. Over-Voltage Protection immediately disconnects the circuit when voltage exceeds 18 VDC and reconnects when the voltage returns to <18 VDC.



When installed, the Transparent Armor Window Insert allows the OEM window to operate normally.

Code 3[®], Inc. (code3pse.com)

Code 3's latest emergency equipment innovation is the Matrix® system which is an intuitive, customizable system that programs police vehicle lights and sirens quickly and efficiently. They offer several Matrix compatible devices, such as the 21TR™ and 27 Series Serial lightbars and the Z3™ Serial Siren.

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www.hardwirellc.com

Circle 6039 for More Information

Federal Signal (fedsig.com)

Federal Signal has raised the bar (pun intentional) with their new Allegiant™ lightbar. Measuring a scant two inches tall, the unit includes 28 flash patterns, built-in SingleMaster and floodlight, takedown and alley light functionality using Solaris® LED reflector technology.

Hardwire, LLC (hardwirellc.com)

Hardwire has two products which greatly improve officer's safety in active shooter situations. Their custom designed Transparent Armor Window Insert seamlessly covers existing door windows in the PI Utility, Charger Pursuit and others. It provides ballistic protection (Level IIIA+ handgun/shotgun) for the officer while still allowing for community engagement. The armored window insert requires no modifications to the car and the OEM window still operates normally. Their Vehicle Door Armor attaches to the outside of a door using antitamper fasteners. The lightweight armor provides Level IIIA+ protection and is OEM color matched. It also accepts decals to match police department markings. The armor panels stay securely in place on the roughest terrains and are modular. scalable and upgradeable. They are available for the Charger and the PI Utility.



Havis' new Flip-up Dash Monitor Mount installs in only 30 minutes.

Havis, Inc. (havis.com)

New from Havis is their C-DMM-3001 Flip-up Dash Monitor Mount which is touted as the next generation of dash mounts. Featuring a 30 minute installation time, this new low profile mount requires no drilling and can carry up to 12 pounds of electronics. Built for the Ford

Police Interceptor Utility, this new mount allows for easy flip up which provides access to vehicle controls. Also included is a secure dual action latch for added safety. The C-DMM-3000 Series is also offered for additional vehicles.



The AR/ZRT Wide Body Console provides a concealed and secure storage solution for patrol rifles.

Jotto Desk (jottodesk.com)

Jotto has a number of brand-new items to add to their current line of quality LE equipment they offer. The new AR/ZRT Wide Body Console provides a concealed and secure storage solution when the vehicle is left unattended for an extended period of time. The AR is housed in a 12-gauge enclosure featuring (two) barrel keyed cam locks with heavy-duty dogs to prevent unwanted access.

Their new Dodge Durango PPV (2019+) Contour Console has a dash contouring shape which will mount up to 12" of equipment (seven inches at the top and five inches at the bottom). Simply replace the factory console in minutes using top-down installation.

The new Space Creator partition solution utilizes the available space behind the front passenger seat. Improved bidirectional recessed housing provides depth behind the equipment console, allowing for mounting gun racks, printers and other items. It also provides more leg-/kneeroom in order to transport larger prisoners. Space Creator partitions includes the High Security/High Visibility (HS/HV) window option



Jotto's new Space Creator Partition includes their High Security/High Visibility window option.

and is available for the Dodge Durango, Ford PI Utility, Chevy Tahoe, Dodge Charger, and others.

Kustom Signals, Inc. (kustomsignals.com)

Kustom's latest directional radar is the Eagle® 3. It is the smallest mounted radar unit currently available. With selectable color combinations, it has outstanding view ability in direct sunlight or at night, as front and rear targets are clearly displayed. The Eagle 3 also features Scan Mode, a new method of front and rear simultaneous operation which supports multiple zone target tracking. It also features a new electronic tuning fork fully integrated into the wireless remote which greatly simplifies testing requirements.

Lund Industries, Inc. (lund-industries.com)

Lund's LOFT weapon storage system utilizes the unused space up near SUV headliners. It does not interfere with rear vision and is currently available for the Tahoe and PI Utility. By the time you read this, it should be available for the Durango and Expedition. The new "Auto-opening" version automatically opens for immediate access to weapons.

Their new SSTB-RN TGB-14 Tactical Gear Box is the perfect companion to the LOFT gun storage system. It is specifically designed for the PI Utility and utilizes a raised leg mounting kit to position it above the cargo deck, allowing access to the spare tire.

Putco (putco.com)

Putco is an automobile accessory manufacturer and the original developer of the Blade Tailgate lightbar. They have now applied this technology to enhance the safety of emergency vehicles. Utilizing over 2000 chip onboard LEDs, the Emergency Blade provides rear end protection with a variety of functions and color options, all controlled with Putco's wireless remote. Installation is quick with provided clips and 3M™ adhesive tape.

Setina Manufacturing Company, Inc. (setina.com)

Setina has been providing quality American made public safety vehicle products for over 55 years. Setina's products include their LED lighted push bumpers with integrated side and front lighting and optional Fender Guards for PIT maneuvers. Their Prisoner Transport Systems



Setina's extensive product line includes equipment for the new Dodge Durango Pursuit SUV (note the pink colored push bumper which helps to bring awareness to the fight against cancer).

for sedans and SUVs include components like SmartBelt, an automatic electronic seat belt and warning system, side curtain airbag compatible prisoner partitions with nine window options and recessed panels for additional legroom, replacement door panels, window barriers, and SUV cargo area barriers. Setina also builds K-9 compartments which can even be combined with prisoner compartments. They also offer a variety of weapon mounting options in their Vaultlock systems and many SUV storage boxes and drawers. Setina offers these products for the popular sedans and SUVs. including the new Dodge Durango Pursuit SUV. A select number of their equipment is transferable from one make and model to another.

SoundOff Signal® (soundoffsignal.com)

Established in 1992, SoundOff Signal is a leader in the emergency vehicle LED lighting marketplace. Their products are designed, engineered and assembled in the USA to ensure a high level of quality.

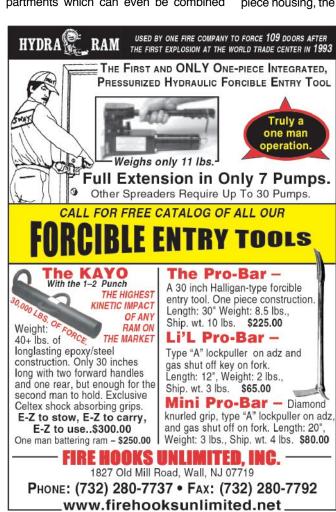
SoundOff Signal engineers and builds lightbars, exterior- and interior-mounted emergency lighting, control systems (including bluePRINT), sirens and speakers, flashers, and interior lighting. Their mpower® LED lightbar is the sleekest in the industry, measuring a scant one inch thick (50% thinner than its leading competitors). With a silicone Clear Duty® molded onepiece housing, the mpower line of products delivers a number of advantages over conventional polycarbonate lenses in visibility, durability, and UV and thermal stability.

Tremco Police Products (tremcopoliceproducts.com)

Tremco's Anti-theft System has been securing police vehicles from theft for over 30 years. It is completely camouflaged and protects vehicles from unauthorized use, even when left running and unattended. It is activated every time a vehicle is put into park. Building on the success of their police vehicle security system, Tremco has now developed systems for ambulances and fire apparatus.

Troy Products (troyproducts.com)

Troy offers cargo partitions for the PI Utility with a built-in fire extinguisher compartment. Their partitions are side air bag compatible and the unique three-sided design creates a cargo cocoon. When you add the optional hatch window screen. the cargo is completely secured, even if the side windows are broken.



Circle 6040 for More Information



TruckVault, Inc. (truckvault.com)

TruckVault has introduced their remodeled SUV Series storage systems which include rapid access to vehicle spare tires. The new Elevated Line mounts their secure storage systems atop a rugged steel frame. TruckVault is proud to announce its free shipping program to lower costs and streamline ordering for its customers.

Tuffy Security Products (tuffyproducts.com)

Tuffy Security Products has created a rear under seat lockbox specifically designed to fit the 2019 GMC Sierra and Chevy Silverado Crew Cab and Double Cab pickup trucks. Featuring a formfitting design, the lockbox is concealed from view when the 60/40 split bench seats are lowered

The Model 352 is comprised of 16-gauge, powder coated welded steel: uses Tuffy's patented Pry-Guard locking system; has chamfered edges; and a weather-resistant lid with a built-in lid stop.

Tufloc® (esmet.com)

The new X-Lock gun lock offers one-handed access with stainless steel, spring-action locking arms which tightly secure long guns. It can be mounted with little or no drilling and it features padding to protect guns and prevent rattling. Their locking mechanism can be opened with a key or an electric timer.



The X-Lock provides quick one-handed access, utilizing spring-action locking arms which provide easy to use security for rifles and shotguns.

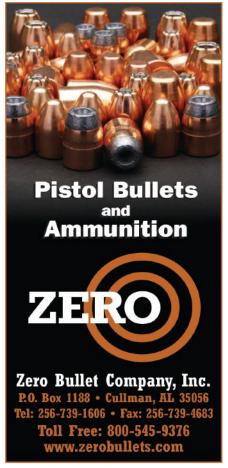
Westin Public Safety Division (westinpublicsafety.com)

Westin recently announced their new Defender Series Interior Products which include front and rear partitions, prisoner seats with the Ready Buckle Seat Belt System, and Defender door cover panels and window guards. All of these products are available for the Tahoe, PI Utility and Durango. Their Ready Buckle System design combines safety and functionality by locating the retractor buckle nearest to the occupant's shoulder. Westin also offers push bumpers with optional PIT wings.

Whelen Engineering Company, Inc. (whelen.com)

The latest lightbars from Whelen are their Ceridian™ series, an all-new low-profile design with a multitude of unique features and options. They are available in SOLO[™] (single color), DUO[™] (two color) and TRIO™ (three color) models. The light





Circle 6042 for More Information



Whelen's new Ceridian™ Lightbar offers a number of available options, including a center speaker and lighted signs.

head modules mount in any position and the hard coated lenses minimize environmental damage. Advanced Thermal Design improves LED performance during extended operation and the bars offer options such as Traffic Advisor, takedown and alley lights. The Ceridian Series is offered in three widths and in a dozen color configurations.

This concludes our yearly transportation report as we add our sincere hope for a safe 2019 for America's Finest. P&SN

Sergeant James Post appreciates your comments and suggestions for future articles. He can be reached at kopkars@arkansas.net.

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Range Versus Reality: Movement and Eover Todd Fletcher

When you get a group of shooters together, the discussion inevitably turns to their individual likes and dislikes. They discuss training philosophy, equipment preferences and why "their" way is better than the "other" ways.

hese conversations usually include point shooting versus sighted fire; how to perform malfunction drills; how to perform slide lock reloads and tactical reloads; 9mm versus .45 ACP; and many others. When it's a group of law enforcement firearms instructors, it can get even worse. It's been said that the only thing a group of firearms instructors can agree on is the fact that we need more ammo.

Many law enforcement officers and firearms instructors have become too dependent on how they were initially trained and have failed to seek training outside of department or state training doctrine. In other words, the state POST way is "the" way and it's the only way they know. If POST says to perform a reload a certain way, then a reload is done the POST way. If POST says to use a certain stance, all officers must use the POST stance. This does provide a simple, assembly line approach for instructors, but it isn't providing solutions for our officers.

I have had the good fortune to train and instruct all over the country and have seen some impressive firearms training programs. Unfortunately, much of the firearms training I see presented at the academy level and during agency in-service training is inadequate. Beyond providing rudimentary skills and abilities to our officers, academy and agency in-service training provides little for real-world law enforcement gunfights. Training officers to pass a min-

imum standard qualification test doesn't properly prepare them for fighting and saving lives on the street. Many of these training programs continue to use dated techniques simply because that's the way it has always been done. All too often, law enforcement firearms training becomes "tactical theater" instead of reflecting the reality of our gunfights.

Fight First!

When I talk about "tactical theater," I'm talking about the things we do on the range which have a tendency to work against our officers instead of helping them. Tactical theater techniques and movements present themselves under stress because these are conditioned responses and motor programs developed during training.

The most common error we see during law enforcement gunfights is officers who fail to fight first. All too often, when faced with a deadly threat, we see police officers try to communicate on the radio and call for help, or they attempt to move to cover instead of doing the most important thing: finishing the fight. Don't get me wrong. Officers need to communicate effectively with suspects, dispatchers and other officers. They also need to move and use cover effectively. However, finishing the fight needs to be addressed immediately or officers increase the risk to themselves and the community. The longer a fight is allowed to continue, the greater the chance people will be seriously injured.

As an instructor, I first learned about this critical fault in our training programs from Jeff Hall, the owner and lead instructor of Force Options. Jeff Hall is a retired lieutenant from the Alaska State Troopers with over 35 years of experience. Jeff presented a class titled, "Finish the Fight!" During this class, he presented numerous officer-involved shooting videos and explained how to take a critical look at what officers were actually doing; what they were intending to do; and the difference in outcomes between their actions and intentions. For example, many gunfight videos show officers rapidly backing away from a threat, resulting in officers landing on their backsides. In contrast, the videos showing officers who focus on fighting first are generally shorter and much less dramatic. Instead of the officer falling backwards, they quickly resume control of the situation and their environment.

And, yet, many law enforcement qualification courses of fire continue to incorporate backing away from the threat while drawing from the holster, then trying to fight. The old adage of trying to create distance had good intentions, but the result has been officers who are more inclined to move away from the threat instead of closing the distance and finishing the fight. Richard Nance, the cofounder of WARTAC CQC LLC, is a police officer with over 21 years of experience and he believes fighting with your gun involves



Finish the fight using elbow, knee or other targeted strikes instead of training officers to retreat while drawing their handaun.

much more than simply knowing how to shoot. In his book, Gunfight! - An Integrated Approach to Shooting and Fighting in Close Quarters, Nance discusses and illustrates how, at arm's length, a whole new set of dynamics are present. Instead of simply backing up and placing shots on a static paper target, training for these types of fights requires contact distance weapons. Fists and feet can be game changers in these hyperviolent fights where communicating and seeking cover must take a backseat to focusing on the fight first.

Dynamic and Deliberate Movement

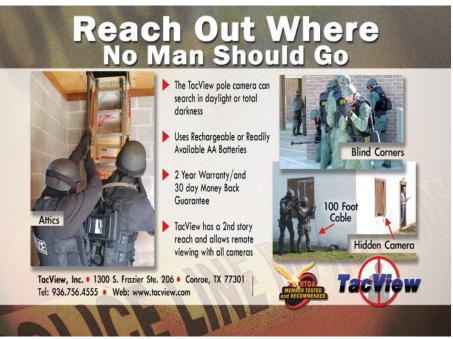
Movement during a law enforcement gunfight is often dynamic and constantly evolving. In fact, there is a really good chance both the officer and the threat will be moving. Unfortunately, the reality of the street is not addressed in many firearms training programs. Training officers to accurately engage moving threat targets is a critically important skill when training our officers to prevail in a gunfight. Officers who can place accurate shots on moving targets also keep our communities safer by reducing the risk of rounds missing the intended threat and striking innocent bystanders.

Targets which move smoothly from side to side using a cable or a track really don't match the reality of movement during a gunfight on the street. However, when combined with other moving targets which bob, swing and weave, training becomes much more realistic. Firearms training becomes even more realistic when "no shoot" targets are added to the mix, forcing our officers to identify their targets and backstops.

Another problem I've seen on the range is some instructors tell their students they should always move when they draw, after firing or while reloading. When range size constrictions dictate, such as on a small indoor range, this movement is sometimes accomplished by telling officers to take a single lateral step. Over time, this becomes an officer's conditioned response and can manifest itself when officers reflexively move away from cover during the draw. I've seen this happen on the range and I've watched it in officer-involved shooting videos.

Instead of being a conditioned response, movement should be deliberate

and dynamic. Depending on the situation, movement might include moving to cover; moving to get a better angle on a suspect; or not moving at all while focusing on fighting first. Single steps in one direction or another, even lateral steps, are not difficult to follow and track. However, dynamic and explosive movement done with intent and purpose can be very difficult to follow. This type of movement can give officers a distinct advantage by making it much more difficult for a bad guy to hurt them by shooting, punching, kicking, or stabbing them.



Circle 6046 for More Information



Circle 6047 for More Information

Continued from page 35





Getting close to cover when using a patrol rifle allows officers to brace the rifle to increase accuracy and still use cover effectively.

Seek a Better Position

The point of utilizing cover is to provide a measure of protection against an incoming threat. As a result, firearms training should train you to fight from cover effectively. There are several ways to utilize cover effectively based on the context of the fight. Most of the time, cover is more effective

when you back off from it a short distance. By doing this, officers can move more effectively from position to position. Getting away from cover also helps minimize the risk of spatter or fragments coming off the cover from hitting officers.

Similarly, just because an officer isn't near cover doesn't mean he (or she) isn't using cover effectively. If your threat has cover, so do you. Officers can utilize distant cover effectively through superior speed and range of movement. By not being tethered behind cover, officers can use quick, flanking movements to defeat the cover used by bad guys.

This brings up the tactic of training officers on methods to defeat cover. Once again, dynamic and deliberate movement combined with accurate gunfire is the order of the day. Remember, if your threat has cover, so do you. However, there are tactics you can use to maximize the value of cover for officers while minimizing the cover for the threat. You can utilize the cover by advancing towards it while deploying accurate gunfire into the cover. Then, using dynamic and deliberate movement, you can move laterally, flanking the cover and exposing the threat.

However, there are circumstances when getting closer to cover is advantageous and most training fails to cover these situations. For example, when the assailant is engaging from an elevated position, being closer to cover allows officers to utilize the top of cover as protection. And, remember, if an officer is close to the ground, a threat doesn't have to be elevated far to have the high ground.

Another time it can be beneficial for officers to get closer to cover is when fighting with a patrol rifle. Particularly with the mechanical offset of an AR-15, an officer utilizing a braced shooting position against a stable piece of cover can deliver accurate rounds downrange while minimizing his (or her) exposure. While leaning out away from cover, the braced shooting position can help prevent the sight system from appearing clear of cover while the muzzle of the rifle is still behind cover. This type of tactical error by officers could be devastating in the middle of a gunfight!

Conclusion

Law enforcement officers should demand more from academy and agency in-service training. When it comes to



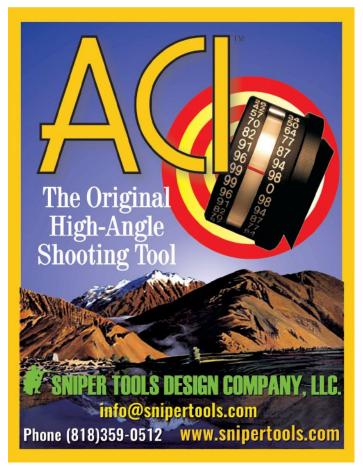
Circle 6048 for More Information



Dynamic and deliberate movement is more effective than creating a conditioned response of shuffle steps or walking slowly.

movement, using cover and finishing the fight, training to minimum standards is not good enough. We need to take training to the next level to make sure we're thinking critically about how we prepare our officers. Law enforcement firearms training must reflect the reality of the street. P&SN

Todd Fletcher is a sergeant in Central Oregon with over 23 years of law enforcement experience. He has presented firearms and instructor development training nationwide and at multiple regional, national and international conferences. He owns Combative Firearms Training, LLC which provides firearms training and instructor development classes to law enforcement, military, private security, and armed citizens. He can be contacted at Todd@CombativeFirearms.com.



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Circle 6050 for More Information

Use-of-Force Policy and Training Issues

Ed Nowicki

One of the most important aspects of a law enforcement officer's duty relates to the use of force. If officers do not respond with force in certain circumstances, these officers may pay the ultimate price with their lives. If their force response is excessive, they may unlawfully take someone's life.

NOTE: This article was written by a use-of-force practitioner and a judicially recognized use-of-force expert who is not a licensed attorney. This article does not constitute legal advice. It has been created to open dialog and analysis dealing with use-of-force policy issues.

t's important to know how to safely and accurately shoot a firearm, but it's just as important to know when to do so which is why the decision-making process is critically stressed during many reality-based training programs. The growing use of firearms simulators, which go far beyond traditional firearms accuracy training, is making its impact upon law enforcement training by emphasizing the decision-making process while the officers are under the stress of artificial reality.

Use-of-force training must provide officers with real-world understanding of what use of force is and how to use that force in a reasonable, yet effective, manner. Administrators must address the needs of officers to use force; to protect the community at large; and to protect any citizen, as well as the agency. This may appear to be an impossible task, but the courts have already addressed this dilemma. There are occa-



sions when agencies prohibit their officers from using force in a reasonable manner, even though there are no laws which require this prohibition. One phrase which is all too common in many departments' use-of-force policies is something to the effect of "officers must use the minimum amount of force necessary to control a subject's resistance." Can anyone please explain what is meant by the "minimum amount of force necessary?" The "minimum amount of force necessary" is an absolutely impossible standard to maintain.

The definitive US Supreme Court case which addresses use of force is the case of *Graham v. Connor*, 490 U.S. 386 (1989). The U.S. Supreme Court stated that of-

ficers must use objectively reasonable force, based upon the "totality of circumstances...known to the officer...at the moment force was used."

The Supreme Court further stated that officers will not be judged with "20/20 vision of hindsight" when determining whether their actions were reasonable or not, but from "the perspective of a reasonable officer on the scene." There is absolutely no requirement to use minimal force in this case. So, why put this impossible and unrealistic standard in a department policy, since neither the Supreme Court nor Federal Circuit Courts require this?

Some law enforcement agencies genuinely try to demonstrate their concern for























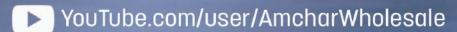








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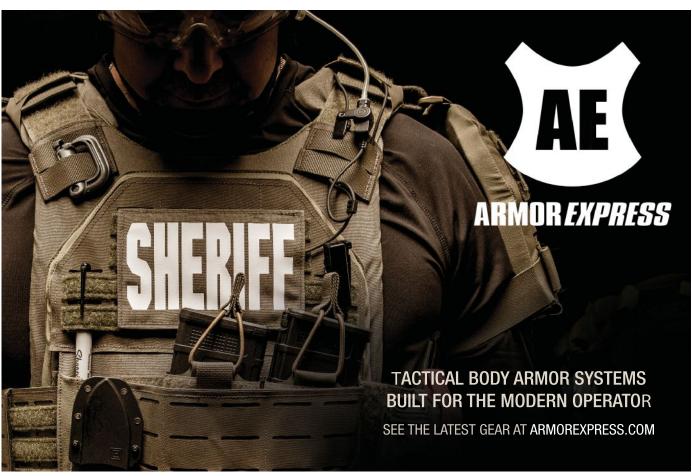
USE-OF-FORCE POLICY AND TRAINING ISSUES

Continued from page 38

human life when they add to, or modify, the portion of their department policy which deals with deadly force to include wording which officers should "exhaust every reasonable option before using deadly force." In the 7th Circuit Court case of *Plakas v. Drinski*, 19 F.3d 1143 (1994), the Court stated, "There is no precedent in this Circuit (or any other) which says that the Constitution requires law enforcement officers to use all feasible alternatives to avoid a situation where deadly force can justifiably be used." Thus, officers are not required to "exhaust every reasonable option." The proper standard should be the "objective reasonableness" standard of the Fourth Amendment as established in *Graham v. Connor*.

Attorney Mike Brave, Legal Advisor for the International Law Enforcement Educators and Trainers Association (ILEETA), offers, "Consider this: If an officer is required to use 'the least intrusive means possible' which the law does NOT require, then, cannot any use of force be endlessly second-guessed? Comments such as, 'Officer, you should have backed off; you did not use verbal de-escalation techniques long enough; you should have used a lower level of force; you should have waited for backup; you should not have gone in until SWAT arrived; you should have summoned a negotiator; you should have done whatever I find in perfect 20/20 hind-sight you did not do' – these equate to the 'would have, could have, should have' standard of law enforcement use of force."

Mike Brave isn't the only attorney who believes that an officer's hands should not be tied in this manner. Retired Chief of Police Jeff Chudwin, a former prosecuting attorney, states, "To hold police officers to a use-of-force standard more restrictive than that decided by the US Supreme Court and the Federal District Courts is both unnecessary and unwise. Policy statements, such as 'least intrusive use of force,' create ambiguity through lack of clear definition and



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ultimately place officers and the public at risk. Officers must have the ability to make immediate decisions where life is at risk without having to resort to force options which are neither effective nor safe."

Unfortunately, there are law enforcement agencies which still have policies which highly restrict an officer's response to a subject's force, or threat of force, and also needlessly expose the officer to great physical danger if the officer wants to stay within department policy. Additionally, an officer could respond with force which clearly fits within the legal "reasonable force" guidelines, and the officer would also violate department policy. A clear conundrum exists of the proverbial "damned if I do and damned if I don't."

Law enforcement agencies can best protect their officers and the public with reasonable use-of-force policies which reflect current law. Policies must be developed in a reasonable manner to reflect legal standards established by the courts and not be overly restrictive by sacrificing an officer's personal safety – no matter how well-intentioned or politically expedient the policy.

Policy standards should be developed in a manner which reflects the law of the land, such as what is included in *Graham v. Connor*, and not be overly restrictive. Attorney Brave adds, "Overly restrictive and highly subjective policy standards are highly unfair to officers. First, these standards are far more restrictive than the applicable legal standards of care. Second, and more importantly, these unduly restrictive standards expose officers to endless subjective scrutiny and persecution."

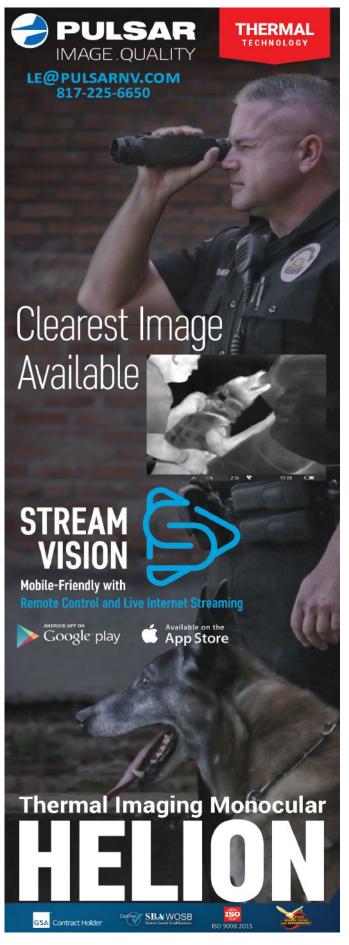
Agencies must make certain that their use-of-force policy, which includes deadly force, is specifically designed with input from knowledgeable individuals which can include attorneys familiar with use-of-force law, use-of-force instructors, administrators, and rank and file; however, not from community activists with hidden agendas. The policy, first and foremost, must be anchored in current legal standards.

It may be ill-advised to just photocopy another agency's use-offorce policy and simply replace their agency's name with your own; that is, unless the policy is extremely well crafted. Larger agencies' policies aren't necessarily any better, either. Sometimes, bigger equals more screwed up! No agency should reinvent the broken wheel.

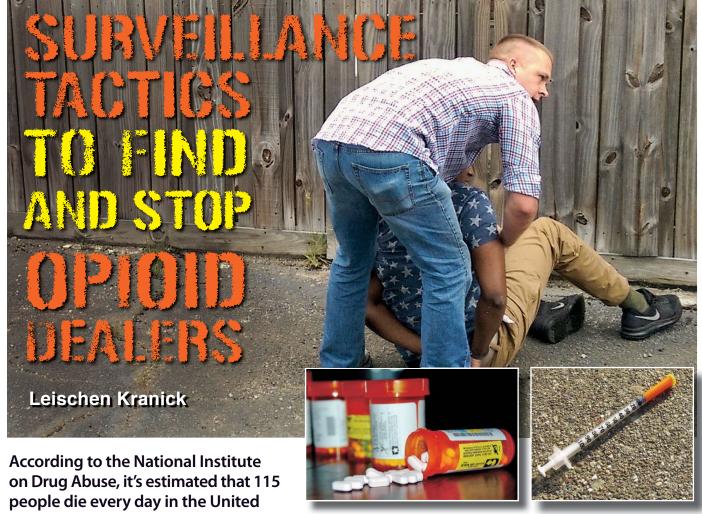
Use-of-force policies are guidelines which provide officers reasonable discretion. They should not be "thou shalt not" commandments which make it impossible to keep an officer safe and the public well-protected.

As stated in *Graham v. Connor*, the issue is one of objective reasonableness; that is, what a reasonable officer would do, given the known facts and circumstances. Chief Chudwin succinctly states, "When violent criminal acts fall upon police officers or the public, unlawful force must be overcome by lawful acts which meet the test of the fight, not politically correct drivel." P&SN

Ed Nowicki is the Executive Director Emeritus of ILEETA. Ed has been judicially recognized by a number of courts across the nation as a use-of-force expert and he has trained thousands of use-of-force instructors across the nation. He can be reached at ncjtc@aol.com.



Circle 6055 for More Information



States from overdosing on opioids. However, this number does not account for the numerous individuals who overdose, but do not expire, with some of them overdosing repeatedly.

've seen this happen with the same person as many as seven times in a 24 hour period," said James Deater, who spent more than 27 years as a trooper with the Maryland State Police. "The same people are overdosing over and over again because these drugs are so addictive and they can't stop themselves from going right back to their dealer."

Responding to the opioid crisis has been enormously taxing on law enforcement agencies. "For the last two years, before I recently retired, our unit was running heroin overdoses every day," said Deater. "We were required to respond to every fatal and nonfatal overdose which takes up a lot of manpower and hours."

To make matters worse, officers were spending a lot of time responding and completing related paperwork, but not enough time investigating the case or trying to locate and arrest the dealers who were selling the drugs. Law enforcement must find better ways to stop the flow of drugs on the streets and effectively target dealers.

Effective Ways to Target Dealers

During American Military University's Law Enforcement Webinar Series, Deater offered some solutions during a webinar entitled "Law Enforcement Methods and Tactics to Combat the Opioid Crisis." He started the webinar by presenting his theory of how the day of an overdose victim unfolds: 1) Buy drugs from dealer; 2) Take drugs in the street/house/mall; 3) Overdose; 4) EMS and/or police respond and administer Narcan® to them; 5) Go to emergency room; 6) Released; 7) Go back to dealer; and

7) Repeat.

While tragic, these steps provide an excellent investigative opportunity for police. "The victim is all you need to find the dealer," he said. Deater outlined a few recommendations for what police should do when responding to an overdose.

Collect Cell Phone Data

First, if a victim has a cell phone on them, download the contents. If your agency doesn't have the technology to do that, Deater recommended contacting the local High Intensity Drug Trafficking Areas (HIDTA) unit. Helpful information from the phone may include text messages, contact lists, GPS locations, social media accounts, and more.

While police are finding less and less information on phones – or no phones at all – because drug users often ask others to take the victim's phone or delete the contents if they overdose, it's still a practice worth trying, said Deater. But, just downloading the information isn't enough. Deater encouraged officers to share the information with other agencies including HIDTA units and federal partners who can run numbers through databases to draw connections.

In addition, when documenting the overdose, Deater encouraged officers to take a picture of the victim. Officers should also note information related to the incident such as the car they were in, the address where they were found, or anyone who was with them. These details can start to paint a picture of who this person is and provide clues about the dealer.

Put Surveillance on the Victim

While Deater acknowledged that putting surveillance on an overdose victim is not necessarily a popular or inexpensive tactic, he attested to its effectiveness. "When we started following victims, we were able to find the three or four dealers who were responsible for the vast majority of overdoses in that particular area," he said. "But, the only way we found them was by watching the victim go straight back to them."

One of the benefits of following a victim is that, first of all, you'll likely prevent another overdose and save the life of that person. "By following the victim, you have a chance to identify the dealer and possibly even witness a drug deal which would allow you to arrest the dealer and, hopefully, lead to a felony conviction," said

The initial reaction of many officers and leadership is that surveving a victim requires even more manpower. However, Deater argues that this tactic often cuts investigation time by half, or more, and, more importantly, often leads to a positive outcome.

"Many officers don't have time to conduct an honest investigation because they can't even keep up with the overdose calls," he said. "But, if agencies allow officers to follow victims, more often than not that person is going to lead officers straight back to the dealer in a matter of hours."

Electronic Surveillance Options

When manpower isn't an option, there are electronic ways officers can track victims. Deater, who specializes in wiretapping and electronic surveillance techniques, presented several fairly simple tactics for officers to track victims.

After officers download information from a victim's phone, Deater encourages officers to leave the phone with the victim. With the victim's phone number, they can call iConectiv; find out the service provider; and, with a court order, ping that phone's GPS receiver to track the victim's location. While court orders can sometimes be difficult and not all service providers will give information, it's something officers can try fairly easily.

Another method to track victims is through their social media accounts. Officers should search for the victim's social media accounts, either on their own phones directly or by doing a simple Google search of their name. "You may think no one is going to put their illegal activity on Twitter or Instagram, but you'd be wrong. They absolutely do," he said.

"More than half of our wiretaps were watching social media sites and we found these people were Tweeting codes and pictures," continued Deater. "If they have their location services on, it will show you exactly where they are." Monitoring social media accounts is especially easy to do since it does not require a court order.

Deater noted that, while these tactics won't eradicate the opioid crisis, they are effective ways in which officers can identify, locate, and arrest dealers who are selling highly dangerous and addictive drugs. P&SN

Leischen Kranick is the editor of In Public Safety (https:// inpublicsafety.com), an American Military University sponsored Web site. She has spent six years writing articles on issues and trends relevant to professionals in law enforcement, fire services, emergency management, and national security. To contact her, E-mail IPSauthors@apus.edu.



NEW TECHNOLOGY

New Holsters from DeSantis



DeSantis Gunhide has recently introduced 18 holster fits in their Pegasus line for the new GLOCK® 45. These models include the #105 Intruder® which is designed for both concealment and comfort. It is tuckable and adjustable for both height and cant. Each Intruder is molded from genuine Kydex® sheet to exact specifications. The #M65 Invader™ is an extremely comfortable synthetic IWB tuckable holster. The body pad is built from edge bound neoprene, ballistic nylon and other synthetic materials, while the formed holster component is precision thermo-molded from sturdy Kydex sheet.

The Facilitator™ is constructed of rigid .125 Kydex sheet and glass reinforced nylon for strength and durability and features the Redi-Lok™ trigger locking device. It can be worn strong side (butt rearward), cross draw (butt forward) or small of back (almost horizontal).

Circle 6057 for More Information



ChitoSAM™ 100 is a high performance hemostatic, nonwoven chitosan dressing spun directly from chitosan derived from crustaceans or snow crab shells. Designed to stop lethal bleeding rapidly, its ease of use is extremely effective; it works independently from the body's normal clotting processes. The package is designed to be torn from any side, allowing for quick access to ChitoSAM 100.

Circle 6058 for More Information

The Ultimate Service Pistol

GLOCK® has announced a new addition to the 9X19 family of pistols featuring the latest in design and engineering seen in the 5th Generation of GLOCK pistols. The **GLOCK 45** combines the fast handling of the GLOCK 19 compact-sized slide with the full-size frame as a compact Crossover.



Taking on the Crossover design of the GLOCK 19X and the GLOCK hard surface finish in nonreflective black, the **G45** incorporates elements of the 5th Generation of GLOCK pistols including a smoother trigger pull, an enhanced frame texture for sure handling, a reversible magazine catch, ambidextrous slide stop lever, the Modular Backstrap System (MBS) for individual adjustability, and a match-grade GLOCK Marksman Barrel (GMB). The **G45** also features front serrations which are precision-milled forward of the ejection port on both sides.

Circle 6059 for More Information

LTI 20/20 TruVISION™ Video Traffic Enforcement Laser

Laser Technology Inc. (LTI) has announced the release of a new handheld, all-inone video laser – the **LTI 20/20 TruVISION**. It is a portable speed enforcement instrument device which collects and stores high-resolution images and full-length video,



capabilities police departments can leverage to curb risky driver behavior, including speeding, and support sustained enforcement of traffic safety laws. With its patented Distance Between Cars (DBC) technology, the **TruVISION** also assists in tailgating enforcement, aggressive driving, distracted driving, and more.

Some of **TruVISION**'s notable features include Adaptec[™] technology, enabling automatic focus which adjusts the iris control and shutter speed for the user; a speed capture

range of 4,000 feet with video tracking, delivering license plate details with crystal clear HD images up to 450 feet away; and a larger LCD back screen for easy viewing under any lighting conditions.

Circle 6060 for More Information



QuickConnect Mobile Charger for VISTA® Body Cameras

The QuickConnect Mobile Charger, from WatchGuard Video, conveniently charges your VISTA bodyworn camera battery while in your vehicle without removing the camera. The lightweight charger attaches to the bottom of a torso-mounted camera and charges when plugged into a DC outlet. QuickConnect's magnetically attached cable simply pops off when the officer exits the vehicle.

Circle 6061 for More Information

New Data Backup and Duplicator

The Media Mirror Duplicator, from EZ Dupe, offers a total solution for data backup and duplication. It is simple to use and no computer is required. The Media Mirror Duplicator can transfer data information from erasable media storage to permanent optical disc for archive purpose. Data on multiple media storage can also be placed onto one Blu-ray/DVD/CD disc for your convenience. The Media Mirror Duplicator is available from ILY Enterprise, Inc.

Circle 6062 for More Information



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BUSTED!

James L. McClinton, Ph.D

I believe I can fly... Police say an 18-year-old Arkansas man accused of trving to steal a commercial jet told investigators he thought piloting the plane would involve little more than pushing buttons and pulling levers. Investigators say the Texarkana man wanted to fly to an out-ofstate concert when he hopped inside an American Eagle jet at Texarkana Regional Airport. He was inside the cockpit when he was arrested. He was jailed after officers charged him with commercial burglary and attempted theft of property. (According to local police, the man was a "frequent flyer.")

See something, "herd" something?... When police in Sanford, Florida, attempted to pull over a Subaru SUV which had been reported as stolen, the three female suspects fled, eventually crashing into a ditch. One suspect was taken into custody, while the other two fled in different directions. The first suspect was quickly captured and the second took a different route. fleeing through a cow pasture. The cows are seen on aerial video apparently chasing the suspect around the field - herding her right back to police who arrested the person. All were charged with trespassing, drug possession (1.3 grams of cocaine) and resisting arrest. (An udderly fantastic crime story...)

Dirty Harry?... Workers repairing a street in Columbus, Ohio, hit an unmarked water main, causing homes along the road to lose water. One man couldn't be deterred from finishing his shower, though: WCMH-TV reported that, after screaming from his porch, "I was in the f----- shower!" the unidentified resident finished his morning routine on the street, in the geyser from the pipe. A Facebook user took a picture of two astonished crewmembers as "Mr. Clean" rinsed off nearby. (For heaven's sake, please don't drop the soap!)

It looks like the burglars didn't bring home the bacon that day... Police said an attempted burglary at an Indiana home was foiled by an unusual guard animal – a family's pet pig. Investigators said thieves broke into the Indianapolis home through the back door, but left empty-handed after apparently being confronted by Dumplin the pig. The woman said that she had adopted the fully grown adult pig from a rescue earlier this year. "The moment I saw

REAL STORIES OF GENUINE ABSURDITY





He brought his "office" with him that day...

There was a "whiff" of something illegal in the air when a driver's license examiner in Glen Burnie, Maryland, approached a car about to be used in a driving test. She called Maryland State Police who found a 22-year-old Baltimore man waiting in his mother's car to take his test. The man was found to be in possession of marijuana, a scale, more than \$15,000 in suspected drug-related money, and a 9mm GLOCK® handgun with a (loaded) 30-round magazine. (You try to do the right thing by getting a legit license and this is what happens.)

him, I knew he loved me instantly. He's the perfect animal," the homeowner said. Police said there were two other break-ins in the same neighborhood on the same day. (That pig is lucky those criminal idiots weren't planning a barbecue.)

"If elected, I promise to fight for you"... In Atchison County, Kansas, sheriff's deputies arrested a 48-year-old woman at her home on a warrant for failure to appear on charges of being drunk in public and resisting arrest. She didn't go quietly she "began kicking, hitting and scratching at deputies," who had to subdue her with a TASER®. Days later, still in jail, she still hadn't settled down: She bit a correctional officer's thumb so hard, she broke the bone. A sheriff's deputy who came to the officer's aid was also injured. The woman now faces new charges of felony battery. By the way, she had recently been elected to the Huron City Council. (Gee, whoever thought an elected official would consider themselves outside the law?)

Because it was a front-loading washer... A man purchased a new washing machine in Abilene, Texas, and got it ready to transport home via his Jeep® Liberty SUV. But, he didn't place it inside the cargo area in the back of the SUV or on the vehicle's roof rack. Nope, he secured it on the hood of the SUV, so that the large machine completely blocked the driver's view of the highway. Our less than imaginative friend didn't get very far before he was pulled over and ticketed by the police. Officials have not commented on whether or not his washer ever made it to his house. ("But, Officer, I was going to drive backwards all the way home!")

Nothing works like insulting the police right before you get arrested... Police officers were dispatched to a parking lot in Frederick, Maryland, after receiving a report of a suspicious man hanging around a car. When they arrived, they found a man peering into cars, apparently looking for something of value to steal. The officers ordered him to cease, but he ignored them and tried to simply walk away. After a brief scuffle, he was taken into custody. But, he wasn't through yet - he told the officers he worked at Krispy Kreme and would get them free doughnuts if they would let him go. After a pat-down revealed he was in possession of marijuana and an air pistol, he was charged with trying to bribe a public officer. (Had Homer Simpson been on duty, this would've been a different story.) P&SN



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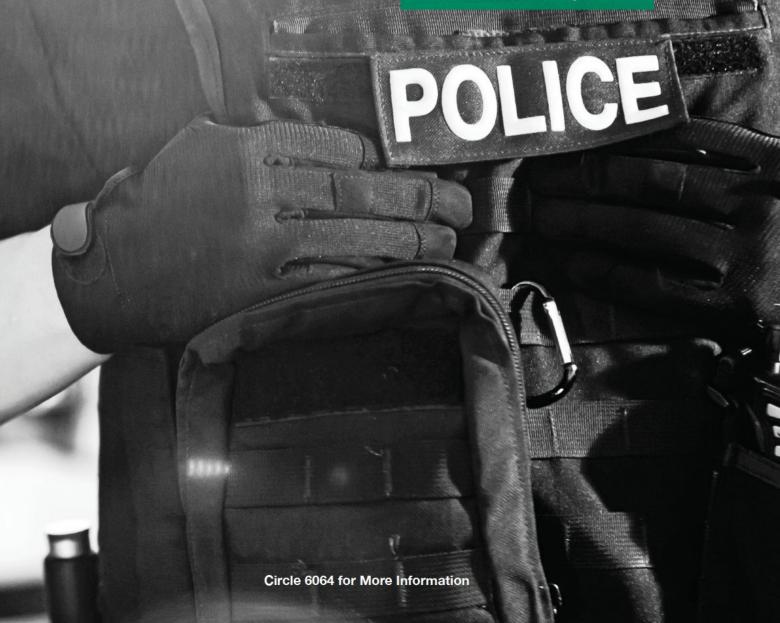
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